Alex Fayn
1220 Christine Cr
Vernon Hills
(847) 867-4496

Skills:

Routed Protocols:
TCP/IP, IPX, AppleTalk

Security:

Firewalls:
PIX 535, 525, 515, 506
Check Point 4.1/NG
Nokia IP 330

IDS:
Net Ranger, IDS Module for 6000 switches. Cisco
secure host IDS

VPN:
3080, 3060,3030, 3015, 3005 VPN Concentrators

Anti-Virus:
Norton, McAfee

Vulnerability assessment tools:
Cisco Secure Scanner, LanGuard, etc

Voice:
VG2000 Voice Gateway,
Call Manager 3.1/3.2
Unity Voice Mail System
Cisco IP Integrated Contact Distribution (IP-ICD)
Persona Assistance

Routing Protocols:
RIP, IGRP, EIGRP, OSPF, BGP

Data:

Routers:
7500, 7200, 3600, 2600, 2500, 1700,1600

Switches:
6500,5500,4000,3500,2900, 1900

Bridging
DLSW+, SRT, SRB, IRB,

Monitoring Systems
Cisco Works 2000 Security, Cisco Works 2000 WAN,
Cisco Works 2000 LAN, Cisco Security Police
Manager,
Cisco Access Control Server, Cisco Network Registrar

Content Switches
11500, 11000
Cisco Works 2000 LAN/WAN/Security

Software

Cisco Secure ACS+, Cisco Works 2000, CSPM, Visio 2000, Arcserv, Network Monitor, Microsoft Office
XP/2000/97/95, Internet Information Server 3.0/4.0/5.0/6.0, Front Page, Norton Anti-Virus, Norton
Utilities, McAfee

Network and Desktop Operating Systems

Microsoft Windows XP Professional, Windows 2000 Professional/Advanced Server, Windows NT Server
4.0/3.51, Sun Solaris 7/8, Windows NT Workstation 4.0/3.51, Windows 98/95, MS-DOS.

Communication Links

OC3, DS3, DS1, ATM, Frame Relay, ISDN, Token Ring, Ethernet, Gigabit, DSL, Satellite.

Ceritfications:

Cisco Certifications

- **CSS1 - Cisco Certified Security Specialist**
- **CCNP 2.0 - Cisco Certified Network Professional**
- **CCNA 1.0 - Cisco Certified Network Associate**
  Cisco ID# CSCO10144948

Microsoft Certification

- **Microsoft Certified Systems Engineer**
  Microsoft ID #1231093

Experience
Fieldglass inc., Chicago, IL   6/2001-11/2002

Senior Network Engineer / Security Manager

- Architect and implement redundant network infrastructure for 10000 users.
- Implement BGP routing with multiple service providers.
- Manage projects and supervise engineers
- Develop, maintain and monitor core and distribution Level routers (WAN)
- Develop, maintain and monitor switching infrastructure (LAN)
- Architect and install server infrastructure
- Disaster recovery planning and implementation
- Manage telecommunication systems
- Develop perimeter defense system for e-commerce infrastructure.
- Create and enforce security polices.
- Configure firewalls to support the policies.
- Implement network Intrusion Detection System.
- Implement VPN using VPN concentrators.
- Introduce TACACS+ and certificate server for RAS users authentication.
- Install host based IDS on mission critical servers.
- Develop centralize authentication system with single password across entire infrastructure.
- Architect and implement Voice over IP network for 300 users using Cisco Call Manager and Unified Messaging Systems
- Migrate the switched telephony to Voice Over IP
- Implement tall-by-pass for voice traffic
- Implement Interactive Call Distribution applications for Call Center
- Implement Compaq/HP PROLIANT blade servers on Windows 2000 platform.
- Configure Windows 2000 servers for mission critical services
- Responsible for validation of any new software that is to be installed on the network.
- Create documentation and diagrams for network auditing.
- Execute biweekly penetration and vulnerability assessment tests.
- Install and configure network management platforms
- Do a constant research on how to prevent network from being hacked.
- Maintain and monitor Call Manager for Voice over IP
- Maintain and monitor VG 2000 voice gateway and PRI
- Maintain and monitor AS5300 and PRI for RAS
- Negotiate contracts terms with vendors
- Research on more efficient vendors
- Create monitoring systems for network
- Train staff
-

Nuclio/Forsythe Inc.- Oak Brook, IL   7/2000-6/2001
Senior Network Engineer

- Designed network infrastructure for Fortune 500
- Implemented BGP routing protocol in the fault tolerant hardware environment using 7500,7200,3600 Cisco routers and 6500 multi layer switches.
- Implemented OSPF and EIGRP routing protocols on Cisco routers (7500,7200,3600) and multi layer switches (6500,5500,5000).
- Implemented content switching for the web traffic load balancing.
- Migrated Frame Relay network from RIP to OSPF and BGP.
- Designed security infrastructure for Fortune 500 companies

- Implemented security infrastructure for fortune 500 companies
- Installed and configured Firewalls
- Implemented Intrusion Detection System
- Installed VPN for RAS
- Installed VPN for Frame Relay backup. Evaluated customers' networks (150+ routers and 3000 servers) for fault tolerance, network optimization and network security.
- Installed and configured network management infrastructures
- Installed and configured web server platforms using Windows 2000 and IIS.
- Upgraded servers from Windows 4.0 OS to Windows 2000 OS
- Managed a team of network administrators.
- Acted as technical mentor for a team of network administrators.
- Helped presales engineers with the solutions to the customers' issues.
- Presented new network architecture designs to the customers.
- Worked with clients on any upcoming problems.
- Worked on Visio diagrams of the implemented networks.
- Worked on the network documentation.

GlobalCom Inc., Chicago, IL   **05/1999-07/2000**

Senior Network Engineer

- Architected and implemented the network infrastructure for the Internet Service Provider.
- Engineered and configured Core level routers (7576 and 7206) in the BGP environment with multiple upstream providers and completely redundant hardware configuration (four 7576 Cisco routers and twelve 7206 Cisco routers).
- Designed and implemented Fault Tolerance and load balancing by using BGP policies and multiple peering points on the 7500 and 7200 Cisco routers.
- Designed network security polices.
- Implemented network security polices using Cisco Pix Firewall, VPN, Cisco Secure ACS+, VLANs and Access Lists.
- Designed and Installed switched network infrastructure using 6500,5500 and 4000 Cisco switches in the total redundant environment using HSRP protocol.
- Implemented Voice and Data integrated services on 3600 Cisco routers.
- Designed an IP scheme for the ISP (network of 500+ routers).
- Introduced web platforms on Windows 4.0 and IIS 4.
- Implemented DNS and DHCP services on SUN servers using Cisco Network Registrar.
- Implemented an Access platform for analog and digital dial-up services by using Cisco AS5300, AS5800 and PRI.
- Worked with ARIN on AS number and IP address allocation.
- Worked with vendors on evaluation of new software and hardware
- Worked with vendors and providers on the improvement of the relationships
- Produced network diagrams and detailed network documentation.
- Designed procedure service agreements and change management policies.
- Worked with customers on complicated issue resolutions.
- Managed a team of consults (assigned tasks and monitored project deliveries).

Hartgrove-Hospital, Chicago IL   **04/1997-05/1999**

IS-Specialist

- Responsible for providing technical service and support to 40 users.
  Diagnosed and repaired all types of computer equipment and associated peripherals.
- Installed and configured operating systems and application software.
- Worked with vendors: ordered parts, negotiated processes, troubleshot complicated issues with vendors' tech support.

- Managed Frame Relay WAN with Cisco routers
- Installed and configured Cisco switches
- Managed telecommunication systems
- Administered Citrix 1.7 servers
- Supported applications on Citrix 1.7
- Maintained department documentation.
- Administered Windows NT 4.0 Servers
- Administrated Windows NT 4.0 Workstation
- Created and implemented TCP/IP scheme for the company network
- Implemented print services by using HP-JetDirect servers
- Migrated network from NetWare 4.11 to Windows NT 4.0 NOS

American Academy of Computer Science, Skokie IL   **6/1999-Present**
Second Job on weekends

Instructor

- Instructed Cisco Security Specialist   courses
- Instructed Cisco Certified Network Professional courses
- Instructed Cisco Certified Network Associate courses
- Instructed Microsoft Certified System Engineer courses

Contract: **Motorola**- Schaumburg, IL   **05/1996-03/1997**

Field Engineer for IDEN

- Worked on upgrading IDEN network for Motorola Customers.
- Installed new IOS on Cisco routers 4000,3600 for Mobile IP support.
- Upgraded 120 Cisco routers 4000,3600 with new IOS for Packet Data capability.
- Upgraded Compaq Tandems with new IOS.
- Designed lab for training with 2600,2500 and 3500,1900 Cisco routers and switches.
- Lectured co-workers on the Cisco IOS to improve their knowledge.